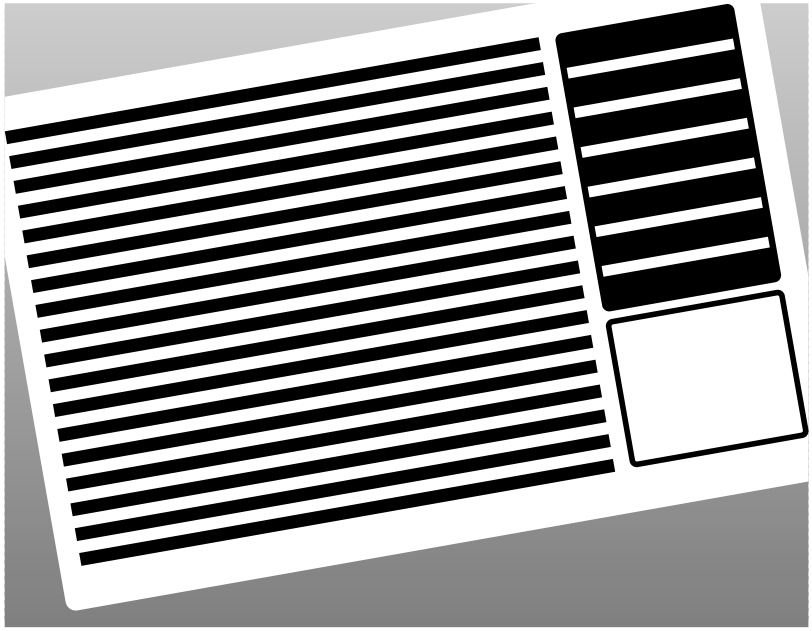
SAMSUNG

OWNER'S INSTRUCTIONS

AW0560A
AW0660A

WINDOW-TYPE ROOM AIR CONDITIONER

(Cool)



ⒺⓈDB98-04345A(1)

Safety Precautions

The following safety precautions must be taken when using your air conditioner.

1 *The unit must be plugged into an independent circuit.*
The air conditioner must be installed in accordance with national wiring regulations and safety regulations wherever applicable.

2 *Some installation locations may require installation of a short circuit breaker or grounding.*

3 *If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.*

4 *MAKE sure that the unit is correctly ventilated at all times : do NOT place clothing or other materials over it.*

5 *NEVER spill any kind of liquid into the unit. Should this happen, unplug the unit and contact an authorized service center.*

6 *Do NOT insert anything between the air outlet blades because the inner fan may be damaged and could cause injury. Keep children away from the unit.*

7 *Do NOT place any obstacles in front of the unit.*

8 *Users of this product are cautioned not to attempt repairs.*
Instead, they are requested to directly contact a designated service center or the outlet at which the product was purchased.

9 *Do not use an extension cord with this product.*

10 *The appliance is not intended for use by young children without supervision ; young children should be supervised to ensure that they do not play with the appliance.*

11 *Never store or ship the air conditioner upside down or sideways to avoid damage to the compressor.*

12 *If the remote control will not be used for a long time, remove the batteries.*

CAUTION

The manufacturer does not assume responsibility for accidents or injury caused by an incorrectly installed air conditioner. If you are unsure about installation, contact an installation specialist.

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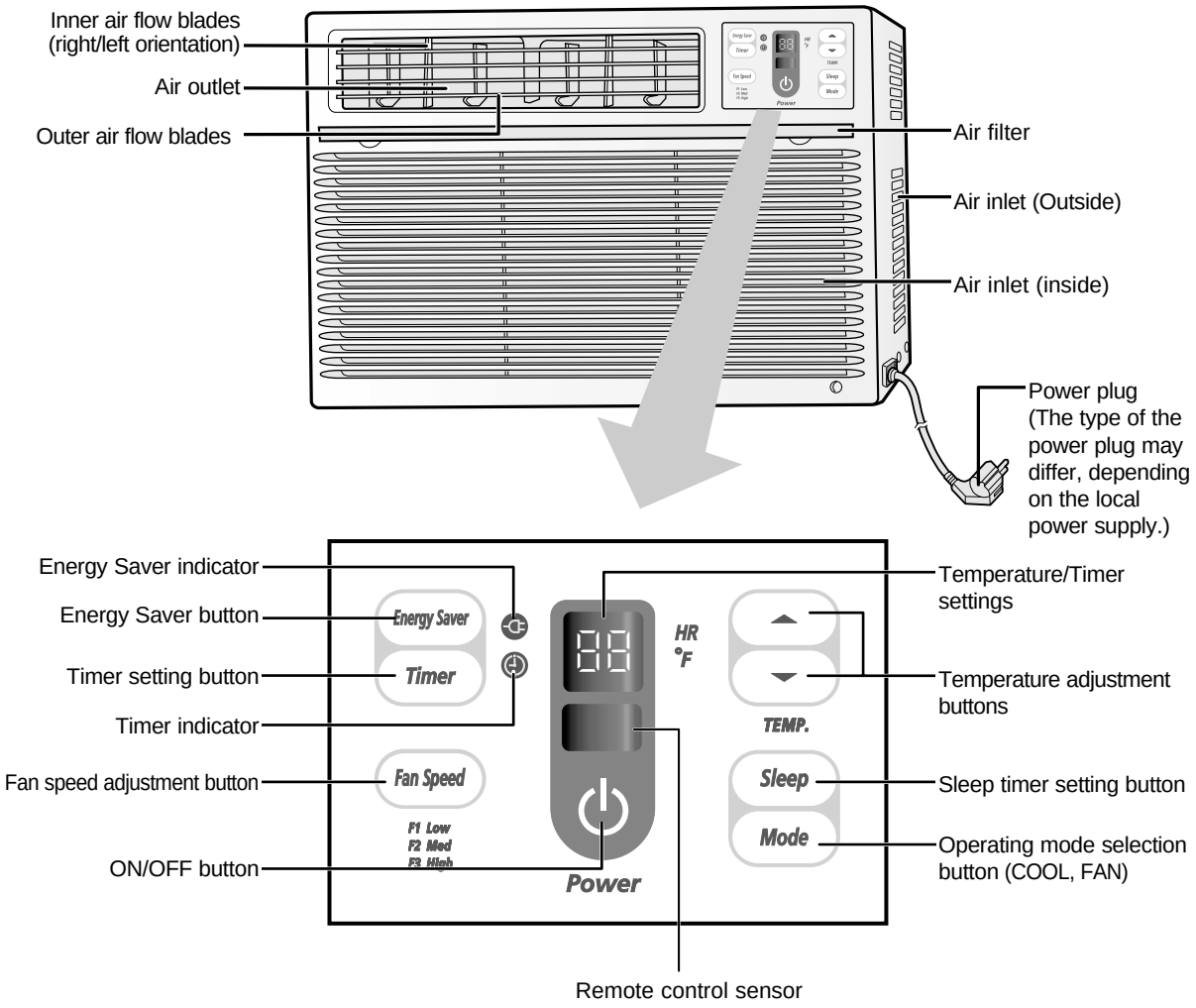
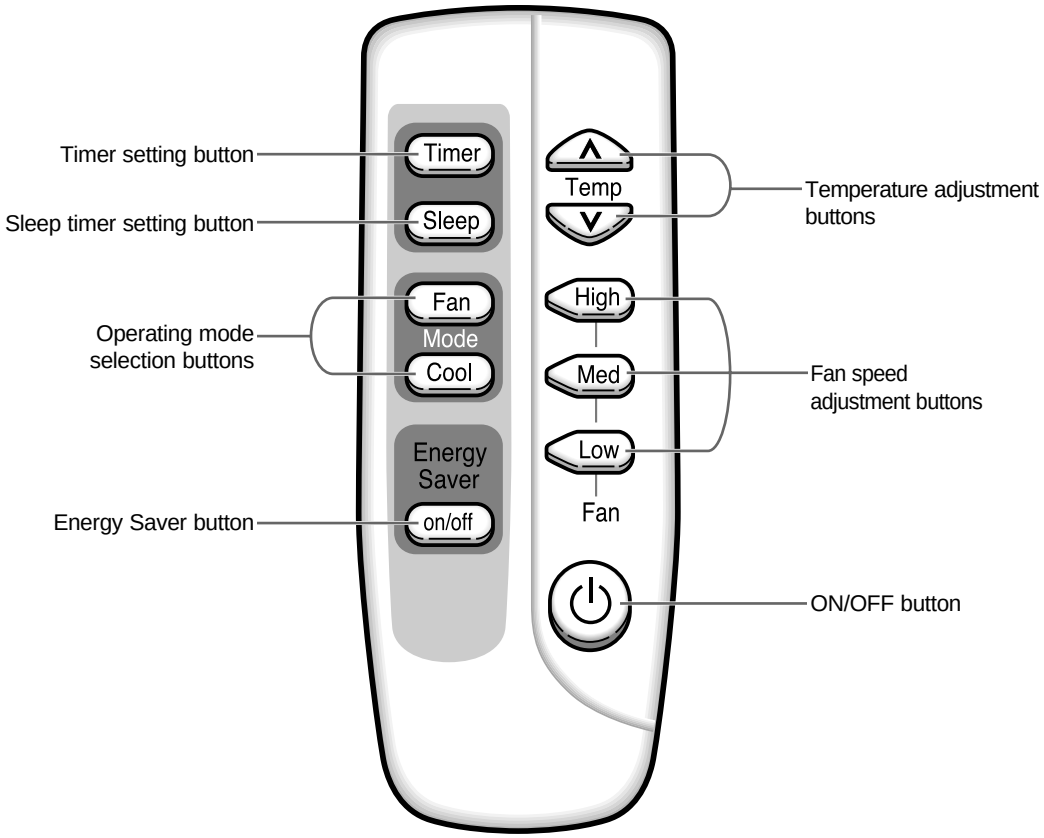
◆ INSTALLATION

Description of Each Component

❄ The design and shape are subject to change, depending on the model.



Remote Control - Buttons



Getting Started

You have just purchased a Samsung window-type room air conditioner which should be installed following your installation manual.

Your Owner's Instructions contain much valuable information on using your air conditioner. Please take the time to read them as they will help you take full advantage of the unit's features.

The booklet is organized as follows.

- ***The following figures are shown on pages 4 and 5:***
  - ***Description of Each Component***
  - ***Remote control (buttons)***

  They will help you find the buttons and understand the symbols displayed.

- ***In the main part of the document, you will find a series of step-by-step procedures for each function available.***

The illustrations in the step-by-step procedures use four different symbols:

PRESS	**PUSH**	**IMPORTANT**	**NOTE**

Inserting the Remote Control Batteries

You must insert or replace the remote control batteries when :

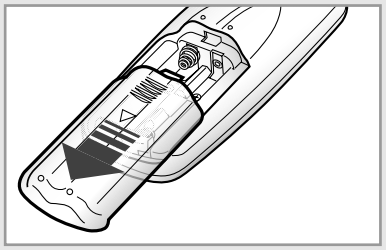
- ***You purchase the air conditioner***
- ***The remote control does not work correctly***

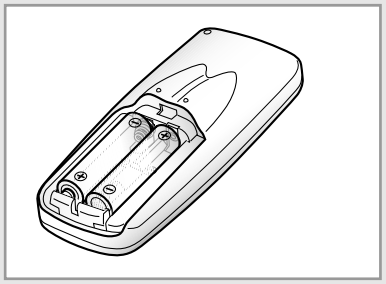
➢
- Use two AAA, LR03 1.5V batteries.
- Do not use old batteries or different kinds of batteries together.
- Batteries may be completely discharged after 12 months, even if they have not actually been used.

1 Push the battery cover on the rear of the remote control with your thumb in the direction of the arrow and remove it.

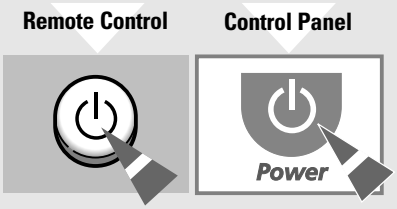
2 Insert the two batteries, taking care to respect the polarities :
- + on the battery with + on the remote control.
- - on the battery with - on the remote control.

3 Close the cover by sliding it back until it clicks into place.





Cooling Your Room

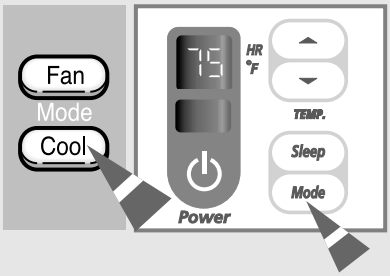


You must select the Cool mode if you wish to lower the temperature in your room. You can also set the fan speed.

1 Press the ⏻ (On/Off) button.

Result: ◆ The air conditioner starts up in the mode selected when the unit was last used.
◆ The unit beeps twice.

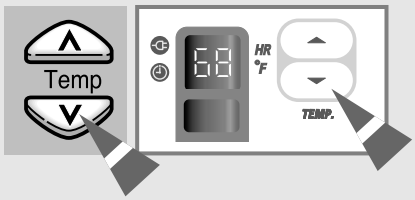
☞ The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:
◆ Plugged in
◆ Stopped
It will start up normally after three minutes.



2 If the temperature is not displayed on the control panel:
◆ Press the COOL button on the remote control
or
◆ Press the Mode button on the unit one or more times until the temperature is displayed.

Result: ◆ The unit beeps each time you press the COOL/Mode button.
◆ The air conditioner starts up in the Cool mode.

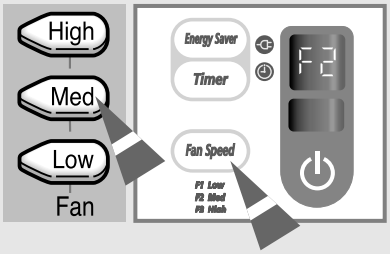
➢ You can change modes at any time.



3 To adjust the temperature, press the Temperature buttons on the remote control or unit one or more times until the desired temperature is displayed.

The temperature can be set between 64°F and 86°F.

Result: ◆ Each time you press the temperature buttons:
– The temperature is adjusted by 1°F and displayed on the control panel
– The unit beeps
◆ The air conditioner starts cooling if the room temperature is higher than the selected temperature.

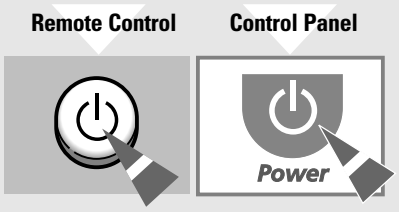


4 To set the fan speed:
◆ Press the HIGH, MED or LOW button on the remote control as desired.
or
◆ Press the Fan Speed button on the unit one or more times until the desired Fan speed(F1, F2 or F3) is displayed.

5 To control the direction of the air flow, refer to page 10.

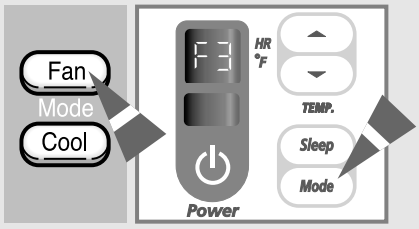
Airing Your Room

If you want to provide air circulation without cooling, you can use the Fan mode.



1 If necessary, press the ⏻ (On/Off) button.

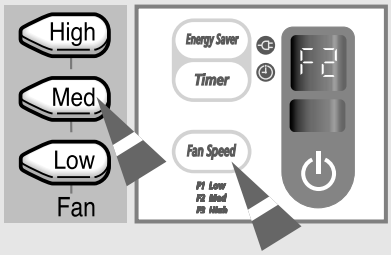
Result: ◆ The air conditioner starts up in the mode selected when the unit was last used.
◆ The unit beeps twice.



2 If the fan speed(F1, F2 or F3) is not displayed on the control panel:
◆ Press the FAN button on the remote control
or
◆ Press the Mode button on the unit one or more times until the fan speed (F1, F2 or F3) is displayed.

Result: ◆ The unit beeps each time you press the Fan/Mode button.
◆ The air conditioner starts up in Fan mode.

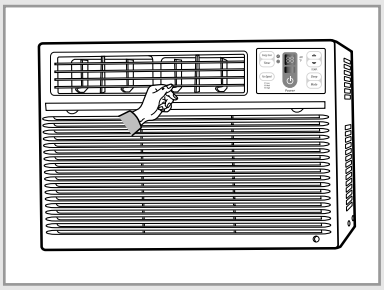
➢ ◆ You can change modes at any time.
◆ When the air conditioner is in the Fan mode, the temperature cannot be set or displayed.



3 To set the fan speed:
◆ Press the HIGH, MED or LOW button on the remote control as desired.
or
◆ Press the Fan Speed button on the unit one or more times until the desired fan speed(F1, F2 or F3) is displayed.

4 To control the direction of the air flow, refer to page 10.

Adjusting the Air Flow Direction Horizontally

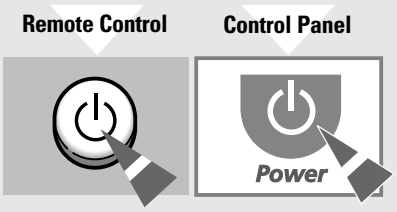


Depending on the position of the unit in your room, you can adjust the orientation of the inner air flow blades on the unit.

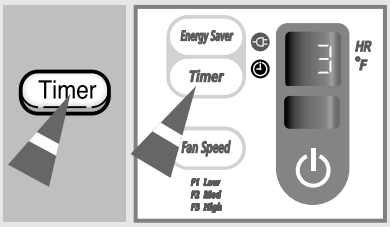
Adjust the air flow blades to the desired position, by pushing them side to side.

Setting the On Timer

The On Timer enables you to switch on the air conditioner automatically after a given time. You can select the On timer only when the air conditioner is off. You can select the On timer only when the air conditioner operates in the Cool mode.



1 Check that the air conditioner has been switched off; if necessary, press the ⏻ (On/Off) button.

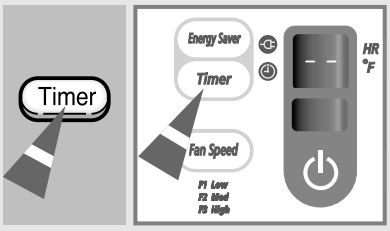


2 Set the operating time by pressing the Timer button on the remote control or unit one or more times until the desired time is displayed. The operating time can be set between 1 and 12 hours.

Result:
- Each time you press the Timer button:
  - The time is adjusted by 1 hour and displayed on the control panel
  - The unit beeps
- The operating time is displayed and decreases automatically to indicate the remaining time.
- The air conditioner starts up in the Cool mode automatically when the operating time reaches zero.

➢ You can adjust the temperature and fan speed after setting the On timer.

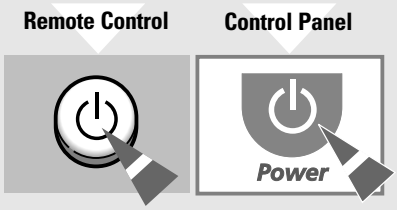
To Cancel the On Timer

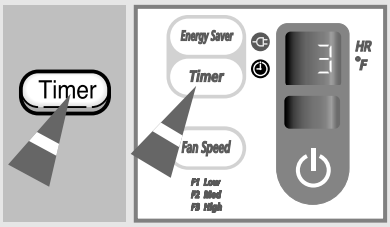


To cancel the timer, press:
- Timer on the remote control or unit one or more times until "--" is displayed.

or
- ⏻ on the remote control or unit (The air conditioner operates in the mode selected when the unit was last used.)

Setting the Off Timer





The Off Timer enables you to switch off the air conditioner automatically after a given time. You can select the Off timer only when the air conditioner operates in the Cool mode.

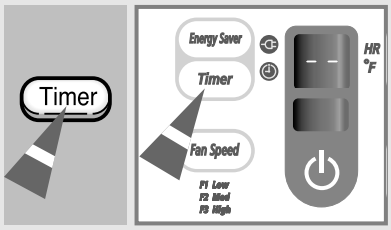
1 Check that the air conditioner has been switched on; if necessary, press the ⏻ (On/Off) button.

2 Set the operating time by pressing the Timer button on the remote control or unit one or more times until the desired time is displayed. The operating time can be set between 1 and 12 hours.

Result:
- Each time you press the Timer button:
  - The time is adjusted by 1 hour and displayed on the control panel
  - The unit beeps
- The operating time is displayed and decreases automatically to indicate the remaining time.
- The air conditioner switches off automatically when the operating time reaches zero.

➢ You can adjust the temperature and fan speed after setting the Off timer.

To Cancel the Off Timer



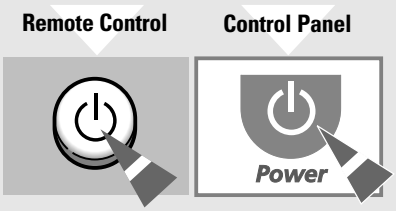
To cancel the timer, press:
- Timer on the remote control or unit one or more times until "--" is displayed.

or
- ⏻ on the remote control or unit (The air conditioner operates in the mode selected when the unit was last used.)

Setting the Sleep Timer

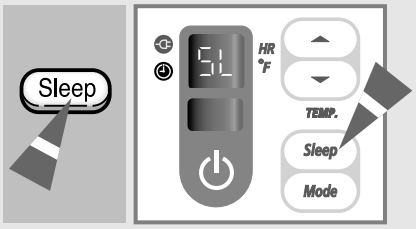
The Sleep Timer can be used when you are cooling your room to switch the air conditioner off automatically after 8 hours.

➢ If you wish to switch the unit off at a specific time, refer to page 12.



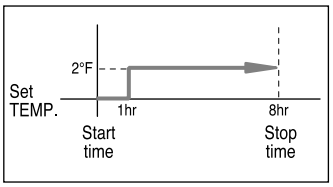
1 Make sure that you have selected COOL mode.

2 Press the Sleep button on the remote control
or
Press the Sleep button on the unit.



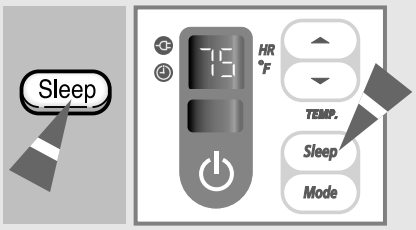
Result:
- Each time you press a button, the unit beeps.
- The "SLEEP" passes through the control panel for about 15 seconds and the "8" will be displayed.
- The remaining time is displayed and decreased by 1 hour automatically to indicate the remaining time.
- The air conditioner will be controlled as illustration below.

Cooling — When the temperature has been increased by 2°F (after 1 hour), it is maintained for 7 hours.



To Cancel the Sleep Timer

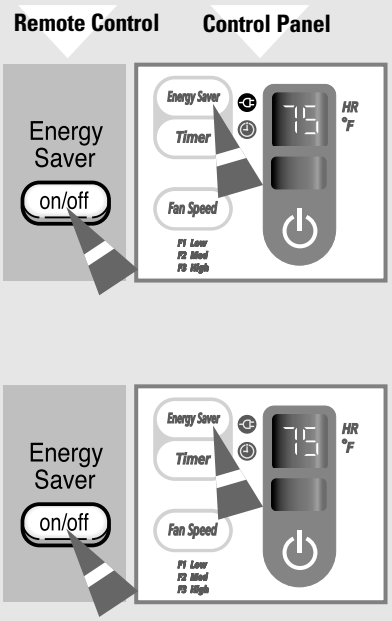
To cancel the timer, press:
- Sleep on the remote control.
  or
- Sleep on the unit.



Result:
- The unit beeps.
- The SLEEP indicator is no longer displayed.
- The air conditioner operates in the mode selected last.

➢ If you select the Energy Saving mode in the Sleep Timer mode, the Sleep Timer will be cancelled and the air conditioner will start up in the Energy Saving mode.

Selecting Energy Saving Mode



If you wish to save energy when using your air conditioner, select the energy saving mode with the Energy Saver button.

1 To select the energy saving mode, press the Energy Saver button on the remote control or unit one or more times until the Energy Saver indicator lights up.

Result: ◆ The fan and compressor cycle on and off together.
◆ The fan will continue to run for a short time after the compressor cycles off.

➢ If you would like the air conditioner to run in Fan mode, do not press the Energy Saver button. You cannot use the Fan mode in the energy saving mode.

2 To stop the energy saving mode, press the Energy Saver button on the remote control or unit again.

Result: The fan runs at all times, while the compressor cycles on and off.

➢ If you select the Sleep Timer in the Energy Saving mode, the Energy Saving will be cancelled and the air conditioner will start up in the Sleep Timer mode.

Temperature and Humidity Ranges

The following table indicates the temperature and humidity ranges within which the air conditioner can be used.

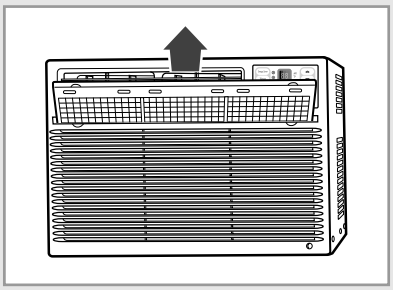
Mode	Indoor Temperature	Outdoor Temperature	Indoor Humidity
Cooling	70°F to 90°F approx.	70°F to 110°F approx.	80% or less

If the air conditioner is used at...	Then...
Higher temperature	The automatic protection feature may be triggered and the air conditioner stopped.
Lower temperature	A water leakage or some other malfunction may happen if the heat exchanger freezes.
Higher humidity levels	Water may condense on and drip from the surface of the unit if it is used for long periods.

Cleaning Your Air Conditioner

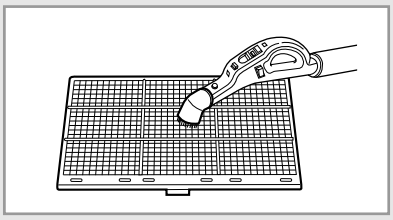
Be sure to clean the air filter periodically to maintain the air conditioner in the best condition for a long period of time.

☛ ***When cleaning the air conditioner, turn it off and pull out the power plug.***



1 Grab the tabs on the filter and pull it up and out.

2 Remove all dust on the air filter with a vacuum cleaner or brush.



3 When you have finished, insert the air filter back into its original position.

4 Wipe the surface of the unit with a neutral detergent and then wipe it again with dry cloth.
(Be sure not to use benzene, solvent or other chemical products.)

➢

If you...	Then...
Will not be using the air conditioner for a long period of time	◆ Set the fan to “F1” and let it for a few hours to dry the inside of the air conditioner thoroughly. ◆ Switch the air conditioner off and unplug it from the wall socket. ◆ Clean the filter and outer surfaces.
Have not used the air conditioner for a long period of time	Set the fan to “F1” and let it run for a few hours to dry the inside of the air conditioner thoroughly.

Solving Common Problems

Before contacting an authorized service center, perform the following simple checks. They may save you the time and expense of an unnecessary call.

Problem	Explanation / Solution
The air conditioner does not operate at all	◆ Check that the circuit breaker used for the air conditioner has not been triggered. ◆ Check that the power cable is plugged into a wall socket and the socket is switched on, if necessary. ◆ Check that the temperature indicator on the unit is lit; if necessary, press ⏻(On/Off) on the remote control or unit.
The air conditioner does not operate with the remote control	◆ Check that there are no obstacles between you and the unit. ◆ Replace the remote control batteries if necessary. ◆ Check that you are close enough to the unit (seven metres/yards or less).
No beep is heard when you press ⏻(On/Off) on the remote control	◆ Check that you are pointing the remote control at the remote control sensor on the unit. ◆ Replace the remote control batteries if necessary.
The air conditioner does not cool	◆ Check that the correct operating mode has been selected(COOL). ◆ The room temperature may be too low. ◆ Dust may be blocking the air filter; refer to page 14 for cleaning instructions. ◆ Check that there is no obstacle blocking the air flow into or out of the unit.
The timer is not correctly triggered	◆ Check that the timer has been programmed correctly; refer to page 11~13.
Odors are permeating the room during air conditioning	◆ Ventilate the room.

Technical Specifications

Design and specifications are subject to change without notice.

Model	Power Supply
AW0560A AW0660A	115V~, 60Hz

Installation

Before installation, please read the INSTALLATION instructions, then follow the procedures in order after considering the installation area and drain hose.

CAUTION

- ***The manufacturer does not assume responsibility for accident or injury caused by an incorrectly installed air conditioner. If you are unsure about installation, contact an installation specialist.***

Checkpoints prior to installation

1 Check the cabinet and front grille of the unit for any defects such as scratches.

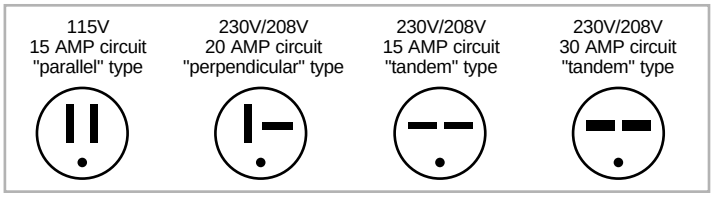
2 Be sure to check the power supply.
- Refer to the specifications on the label attached to the unit.

Installation instructions

1 Electrical Requirements

For personal safety:

- ◆ This appliance must be properly grounded.
- ◆ Do not, under any circumstances, cut or remove the third grounding prong from the power cord.
- ◆ We recommend that you do not use an extension cord or an adapter plug with this appliance.
- ◆ Do not change the plug on the power cord of this appliance.
- ◆ Follow national electrical codes or local codes and ordinances.

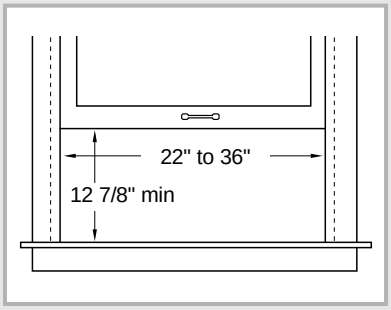


- ◆ If the electric supply provided does not meet the above specifications, call a licensed electrician.
- ◆ Aluminum house wiring may pose special problems - consult a qualified electrician.
- ◆ This unit requires a separate circuit, serving only this appliance.

2 Window Requirements

- ◆ Standard double-hung window with actual opening width of 22" to 36". The installation will need to be modified for windows other than the standard double-hung type.
- ◆ Clear vertical opening of 12 7/8" minimum, from bottom of sash to sill.
- ◆ Install the air conditioner in a window where there will be enough clearance around the cabinet to allow ample circulation of air through the unit.

➢ All supporting parts should be secured to firm wood, masonry or metal.

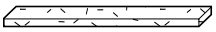
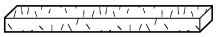


Window installation

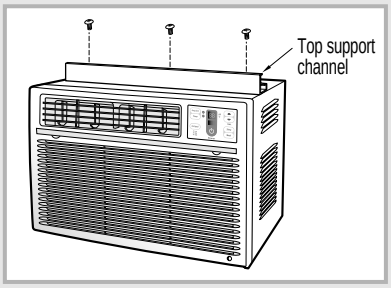
Tools needed

- ◆ Philips head screwdriver
- ◆ Adjustable wrench
- ◆ Scissors
- ◆ Ruler or tape measure
- ◆ Pencil

Parts furnished

Type	Name of part	Q'ty	Type	Name of part	Q'ty	Type	Name of part	Q'ty
A	Long wood screw (5X16)	7	D	Top support channel	1	G	Window filler panel(Right)	1
B	Screw (4X10)	9	E	Adhesive seal strip 	1	H	Window filler panel(Left)	1
C	Window bracket	2	F	Window gasket 	1			

1 Install the top support channel with **three Type B screws** provided.

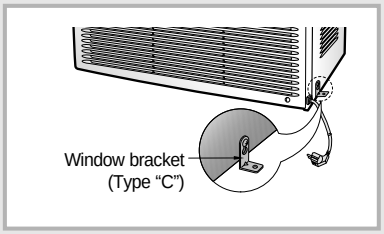


➢ The screw holes are larger gauge on the channel and smaller on the cabinet. The top support channel is "L" shaped. The high side of the channel must always face inwards.

2 Assemble the window brackets on the cabinet.

2-1 Loosen the lower screw slightly on each side of the cabinet and install the **Type C window bracket**.

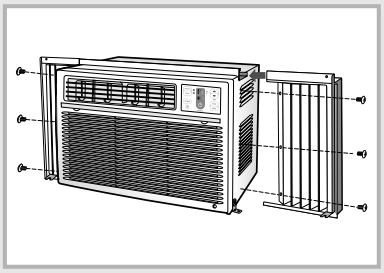
2-2 Tighten the screws securing the brackets.

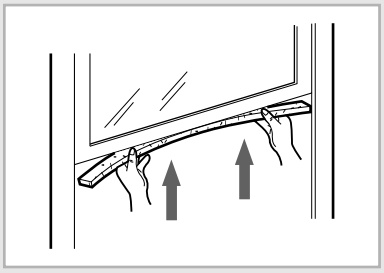


3 Attach the window filler panels to the unit.

3-1 Slide the window filler panels and their frames into the channels on the top and bottom of the cabinet.

3-2 Assemble the window filler panels to the cabinet using **six Type B screws**.

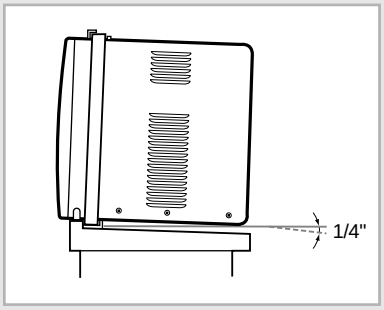




4 Attach the seal strip to the window.

4-1 Cut the adhesive-backed foam seal strip gasket to the window width.

4-2 Remove the backing from the seal strip and attach the strip to the underside of the bottom window.

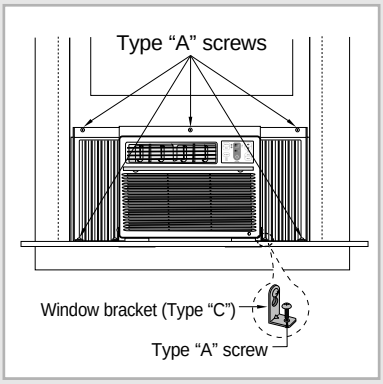


5 Install the unit in the window.

5-1 Place the air conditioner cabinet into the window with the top support channel positioned just in front of the bottom sash.

5-2 Center the cabinet, side to side in the window then pull the window down until it rests on the air conditioner, just behind the mounting channel front flange on top of the cabinet.

5-3 Make sure the cabinet maintains a slightly downward slant to the outside. A 1/4" slant, cabinet front to rear is desirable to help prevent water from entering the room.



6 Extend the window filler panels.

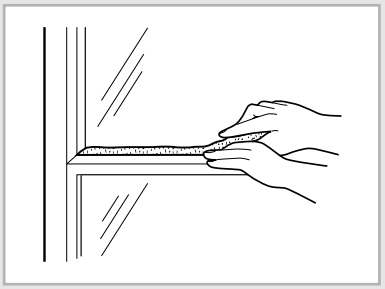
6-1 Secure the window brackets to the stool using the **Type A screw** at each side.

6-2 Secure the top mounting channel to the bottom sash with the **Type A screw** in the center.

6-3 Extend the window filler panels into the window sash tracks on both sides. When the window is pulled down, the window should rest on the unit just behind the window filler panel frames.

6-4 Slide the window filler panels outward until they touch the sides of the window. Secure the panels by putting **four Type A screws** through the mounting holes in the panels and driving them into the window stool and sash.

7 Install the window gasket.
Cut the foam window gasket to the window width and stuff it between the window and the glass to prevent air and insects from getting into the room.



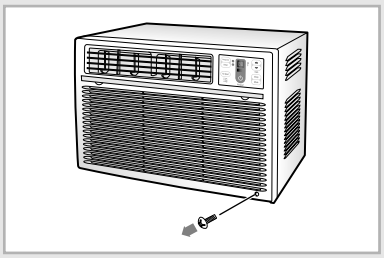
8 Check for air leaks and seal.

9 Plug in the power, switch on the air conditioner, turn the air conditioner on and operate it in Cool mode and check for unusual vibrations.

➢ After several minutes the unit will be blowing out cold air.
If the unit is not cold, please return it to the dealer.

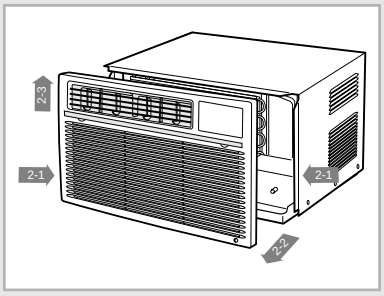
Removal of the Front Grille

If you need to remove the front grille for replacement, follow the steps below.



1 Remove the screw that holds the grille in place.

➢ Remove the shipping tape before pulling out the air filter, if necessary.



2 Disassemble the front grille.

2-1 Press both sides of the cabinet in the direction of the arrow as shown in the figure.

2-2 Pull the lower part of the front grille slightly forward.

➢ Do not pull bottom edge of grille toward you more than 3". Damage to the grille's two top tabs may occur.

2-3 Grasp the grille at both sides near the bottom and carefully lift it straight up to disengage the grille's two top tabs from slots near the top of the cabinet.

3 Reinstall the front grille.

3-1 Fix the upper front grille.

3-2 Slide one side of the lower part of the front grille slightly backward.

3-3 Slide the other side backward.

3-4 Reinstall the screw and the air filter.

Memo

SAMSUNG ROOM AIR CONDITIONER

LIMITED WARRANTY TO ORIGINAL PURCHASER

This SAMSUNG brand product, as supplied and distributed by SAMSUNG ELECTRONICS AMERICA, INC. (SAMSUNG) and delivered new, in the original carton to the original consumer purchaser, is warranted by SAMSUNG against manufacturing defects in materials and workmanship for a limited warranty period of:

One (1) Year Parts and Labor, Five (5) Years Parts Warranty for Compressor

This limited warranty begins on the original date of purchase, and is valid only on products purchased and used in the United States. Warranty repairs must be performed by SAMSUNG's authorized service center. To receive warranty service, the original dated bill of sale must be presented upon request as proof of purchase to SAMSUNG or SAMSUNG's authorized service center.

SAMSUNG will repair or replace any part found to be defective at no charge, as stipulated herein, with new or reconditioned parts during the limited warranty period specified above. To request warranty service, the purchaser must contact SAMSUNG for problem determination and service procedures. SAMSUNG does not warrant uninterrupted or error-free operation of the product. All replaced parts and products become the property of SAMSUNG and must be returned to SAMSUNG. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer.

This limited warranty covers manufacturing defects in materials and workmanship encountered in normal, noncommercial use of this product and shall not apply to the following, including, but not limited to: delivery and installation; damage which occurs in shipment; applications and uses for which this product was not intended; failures or problems which are caused by products or equipment not supplied by SAMSUNG; accidents, misuse, abuse, neglect, misapplication, fire, water, lightning or other acts of nature; incorrect electrical line voltage, fluctuations or surges; damage caused by improper or faulty installation; product alteration or modification; improper or unauthorized repair; cosmetic damage or exterior finish; product with altered serial numbers; failure to follow operating and environmental instructions that are covered and prescribed in the instruction book; customer adjustments, routine maintenance and cleaning; consumable items such as filters; use of non-SAMSUNG or unauthorized parts, supplies, accessories or equipment which damage this product or result in service problems.

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